

ASSOCIATION OF ELECTRICAL AND ELECTRONICS ENGINEERS
PRESENTS

GUEST LECTURE ON

PROJECT MANAGEMENT IN POWER TRANSMISSION AND DISTRIBUTION



SPEAKER

Mr. ADITHIYA SREENIVASAN NAGARAJAN
ASSISTANT VICE PRESIDENT,
ANALYTICS AND INSIGHTS,
ACCENTURE

CONVENOR

Dr.KR.Santha, Vice-Principal,
Professor & Head of Dept,
Department of EEE

CO-ORDINATORS

Dr.S.Kumaravel, Asst. Professor
Dr.M.Sankar, Asst. Professor
Department of EEE

STUDENT CO-ORDINATORS

Mr.Adithyan M, General Secretary-AEEE
Mr.Hemanth T, Joint Secretary-AEEE



24 NOV
2021
6.00 PM TO 7.00 PM



**SCAN TO
JOIN THE
MEETING**



Sri Venkateswara College of Engineering
(An Autonomous Institution - Affiliated to Anna University)
Department of Electrical & Electronics Engineering

24/11/2021

Guest Lecture Report

Title: Project Management in Power Transmission and Distribution

Guest speaker: Mr. Adithiya Sreenivasan Nagarajan

The guest lecture on “Project Management in Power Transmission and Distribution” presented by Mr. Adithiya Sreenivasan Nagarajan was held on 24th Nov 2021. The event was organised virtually through Google Meet. The event commenced at 6:00 in the evening and lasted for an hour. A total of 99 student (III, V & VII semester) and faculty members attended the guest lecture.

The event started with prayer song followed by the welcome address by Dr. Sudhakar K Bharatan AHOD/EEE who inspired the participants by his brief introductory speech on significance of attending the guest lectures.

The guest speaker Mr. Adithiya Sreenivasan Nagarajan is Assistant Vice President, Analytics and Insights at ACCENTURE.

The speaker suggested the students to undergo field training along with studies which will help the students to prepare their mind mentally for the work they are going to do. He asked the students to be active in the LinkedIn and have a hobby apart from studies. His 45 minutes lecture included the topics like project life cycle, simplified schematic of electric power sector systems, substation project scope, transmission line project scope and finally project management domains.

- i. Project life cycle: The primary goal of the job is to complete the project. This can be achieved only with the background plan. It is executed by 5 background plans involving **initialization, planning, execution, monitoring, summarizing**.
- ii. Electric power sector systems: In this part speaker explained about the function of **generation, transmission and distribution**. He also added that he worked in the field of transmission and distribution.
- iii. Substation project scope: Distribution part is more difficult than transmission part. The guest once again suggested the students to visit the sub station and learn what's happening there. He also taught us the difference between **green field and brown field** projects.
- iv. Transmission line project scope: The building of transmission line goes in three phases which is **foundation, erection and stringing**. Four types of foundation has to be done for laying of transmission line. Erection process is carried out by assembling lots of sub parts one by one. Laying of conductors is done in stringing.
- v. Project management domains: This topics included **commercial activities, labour management, store management and project functional teams**.

Apart from these the speaker discussed about **RBC (Revenue, Billing, Collection)** which is the process for making bill. He explained this with an example of installation of AC.

His way of explanation was very clear and the students who attended the meeting had no doubts. The speaker was brimming with information and provided deep insights about power transmission and distribution.

The session concluded with participants coming up with their inquisitive questions. Some students asked their doubt regarding the skills they should possess for their career.



International Work
Represented by the
Memphis Union Hall
1968

USA - 1968 A

ABC - Atlanta Race Unrest

PA

Memphis after
police shooting
bravers up in
Memphis mob

1968 - 1968

Memphis
South and
Louisiana
Signs

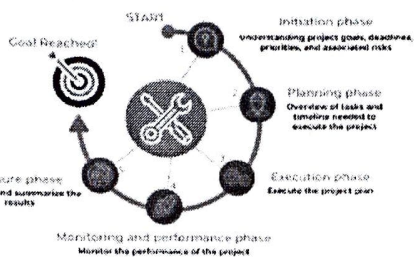
Visual
Photography
(1968)

Portrait of "The Assassin"
with marks on face, showing
what marks in eyes, nose
and in other places

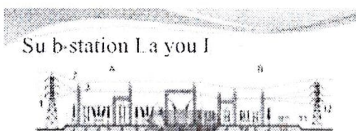
Designation: *AvP Analytics - Accenture*



<http://www.elsevier.com/locate/jmb>



Substation Layout



- | A. Primary process flow: code | B. Secondary process flow: code |
|-------------------------------|---------------------------------|
| 1. Primary process flow | 7. Generalized flow |
| 2. General flow | 8. Flowing flow |
| 3. General flow | 9. Flowing flow |
| 4. General flow | 10. General flow |
| 5. General flow | 11. General flow |
| 6. General flow | 12. General flow |
| 7. General flow | |
| 8. General flow | |
| 9. General flow | |
| 10. General flow | |
| 11. General flow | |
| 12. General flow | |

Foundation



Erection



Stringing

